Electronic Acknowledgement Receipt				
EFS ID:	2545332			
Application Number:	10791911			
International Application Number:				
Confirmation Number:	3839			
Title of Invention:	MRAM ARRAY EMPLOYING SPIN-FILTERING ELEMENT CONNECTED BY SPIN-HOLD ELEMENT TO MRAM CELL STRUCTURE FOR ENHANCED MAGNETORESISTANCE			
First Named Inventor/Applicant Name:	ChiaHua Ho			
Customer Number:	22470			
Filer:	Ernest John Beffel Jr./Brianna Dahlberg			
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Application Type:	Utility under 35 USC 111(a)			
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Submitted with Payment	yes			
Payment Type	Credit Card			
Payment was successfully received in RAM	\$1740			
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File Name

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1 Issue Fee Pa	Issue Fee Payment (PTO-85B)	20071204lssueFeeTransmitt al.PDF	107347	no	1		
	issue ree rayment (r10-63b)		461c8e9dt3tbcceecfe1a78b06e6ctdbafb bd2c2				
Warnings:							
Information:							
2 Fee Worksheet (PTO-06)	Fee Worksheet (PTO-06)	fee-info.pdf	8379	no	2		
	iee-iiio.pai	9508cc1 d14327642c700ffe14857b7d80 a67db98					
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/IDO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filling Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the international Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.